

12/14/01 1048 U.S. PTO

12-18-01

FEE AUTHORIZATION FOR FILING PATENT APPLICATIONS

Attorney's Docket No. BSA 02-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/01/01 10/01/01 12/14/01

Applicant(s): **John Shanklin**

Title: **MUTANT FATTY ACID DESATURASE AND METHODS FOR DIRECTED MUTAGENESIS**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:


Transmitted herewith is a patent application and the items as checked below for the above-identified case:

- 3 Sheets of Formal X Informal Drawings.
- Information Disclosure Statement Under 37 C.F.R. 1.56 and 1.97.
- Preliminary Amendment. Please enter changes before calculating filing fee.
- X The filing fee is calculated below.

CLAIMS AS FILED

Type Of Claim	Number Filed	Included In Basic Fee	Number Extra	Rate (Small Entity)	Total Fee
Total Claims	<u>59</u> - <u>20</u>	= <u>39</u>	X	\$9 =	\$ <u>351.00</u>
Independent Claims	<u>19</u> - <u>3</u>	= <u>16</u>	X	\$42 =	\$ <u>672.00</u>
Basic Filing Fee (Small Entity)				=	\$ <u>370.00</u>
Total Filing Fee				=	\$ <u>1,393.00</u>

X The Commissioner is hereby authorized to charge the payment of the total filing fee for this patent to Deposit Account No. **02-3977**.


Margaret C. Bogosian
Registration No. 25,324

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: John Shanklin

Attorney Docket No.: BSA 02-04

For: MUTANT FATTY ACID DESATURASE AND METHOD
FOR DIRECTED MUTAGENESIS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

TRANSMITTAL


Applicants hereby submit the following documents:

- a. The Original Patent Application identified above consisting of:
 1. 72 page patent application
 2. 59 claims
 3. 3 sheets of informal drawings
- b. Copy of executed Combined Declaration and Power of Attorney
- c. Transmittal Fee form authorizing payment to be charged to Deposit Account.
- d. Small Entity form
- e. Diskette containing Sequence Listing in computer-readable form

Reg. No. 25,324

Tel. No. (631) 344-7338

Date: 12/14/01


Signature of Attorney

Margaret C. Bogosian
Type or Print Name of Attorney
Brookhaven National Laboratory
P.O. Address
Upton, New York 11973

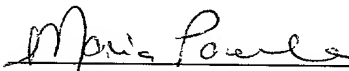
EXPRESS MAIL CERTIFICATE

Express Mail Label Number ET826833462US

Date of Deposit: 12/14/01

I hereby certify that the papers identified in this transmittal letter are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Attention: Assistant Commissioner for Patents, Washington, D.C. 20231.

12/14/01
Date


Maria Pacella, Office of Intellectual Property
And Industrial Partnerships